

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020456.D
 Acq On : 30 Dec 2020 15:22
 Operator : JC/MD
 Sample : L5222-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31366

Quant Time: Dec 31 01:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

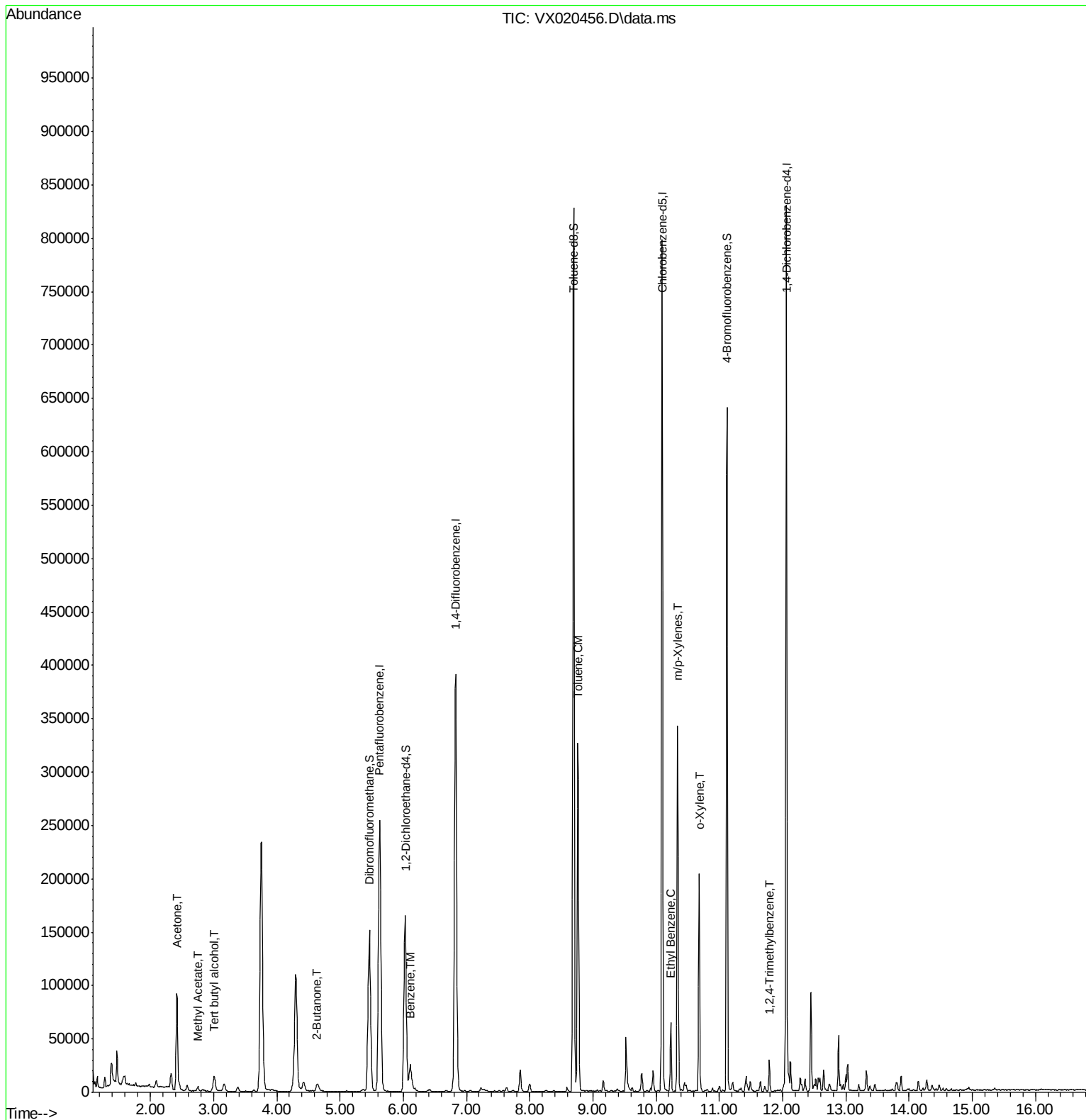
Internal Standards						
1) Pentafluorobenzene	5.629	168	240866	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	396288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	375700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	156353	48.43	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.86%	
35) Dibromofluoromethane	5.465	113	132135	52.12	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	104.24%	
50) Toluene-d8	8.696	98	483841	49.58	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.122	95	175603	47.02	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.04%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.014	59	9162	12.67	ug/l	98
16) Acetone	2.416	43	94037	63.87	ug/l	98
18) Methyl Acetate	2.752	43	5158	1.57	ug/l	96
25) 2-Butanone	4.635	43	10844	5.06	ug/l	97
40) Benzene	6.111	78	30006	2.46	ug/l	100
52) Toluene	8.763	92	126658	17.02	ug/l	100
67) Ethyl Benzene	10.232	91	36001	2.55	ug/l	98
68) m/p-Xylenes	10.342	106	81904	15.57	ug/l	99
69) o-Xylene	10.683	106	45093	8.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.793	105	13348	1.30	ug/l	98

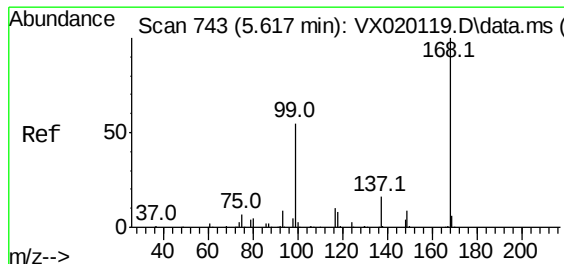
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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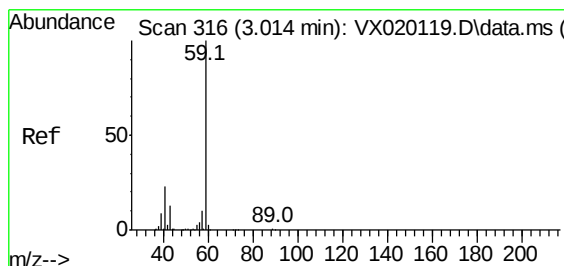
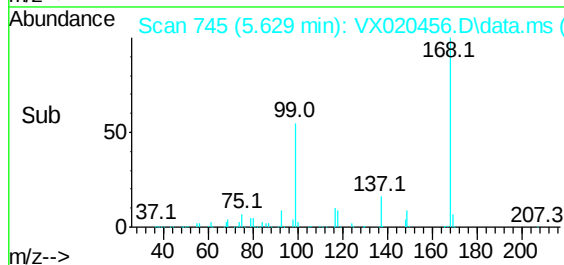
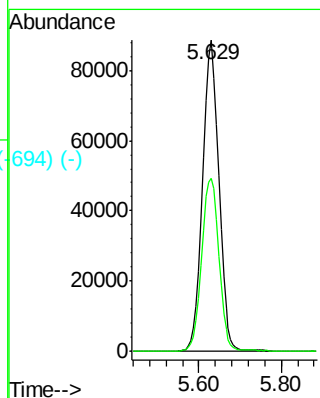
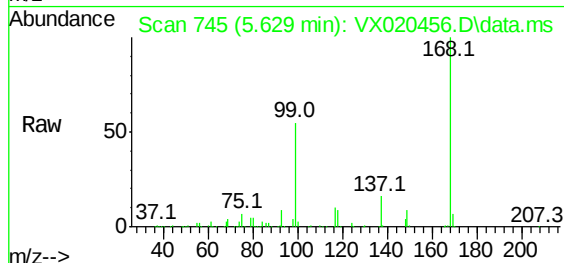




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

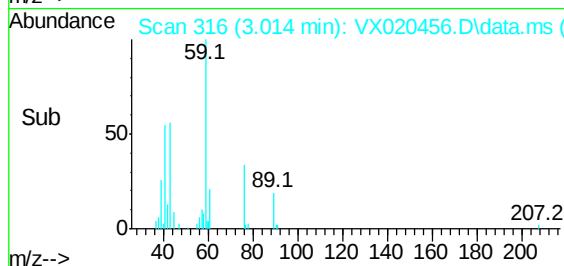
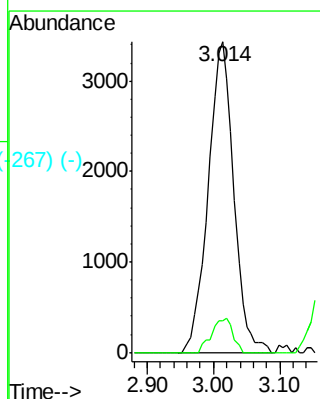
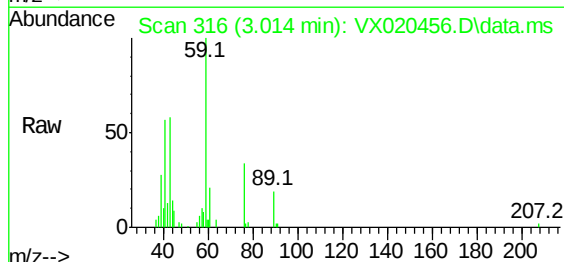
Instrument :
 MSVOA_X
 ClientSampled :
 31366

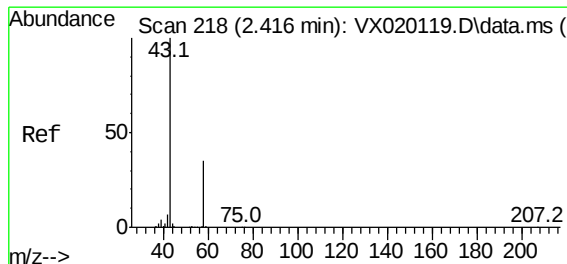
Tgt Ion:168 Resp: 240866
 Ion Ratio Lower Upper
 168 100
 99 55.5 45.8 68.6



Tert butyl alcohol
 Concen: 12.67 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

Tgt Ion: 59 Resp: 9162
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.8

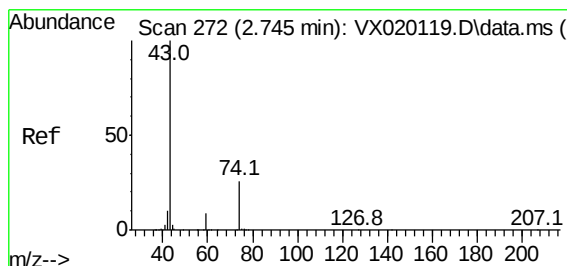
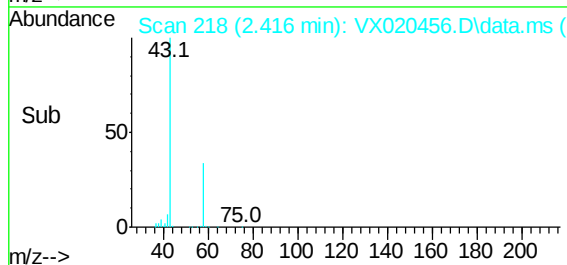
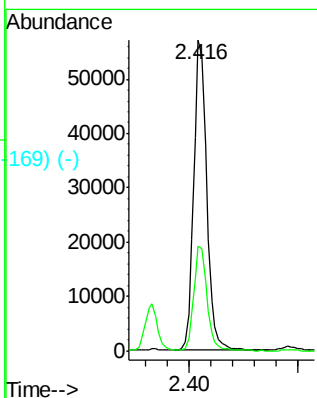
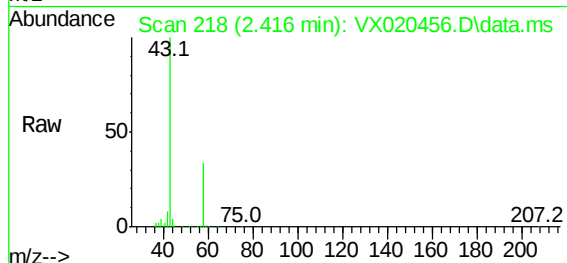




Acetone
Concen: 63.87 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

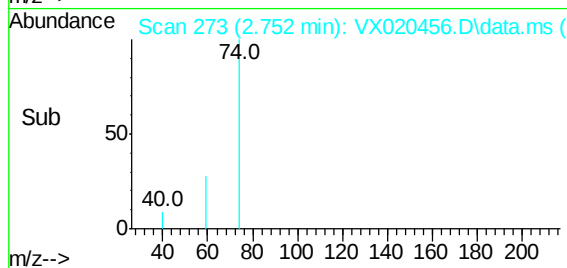
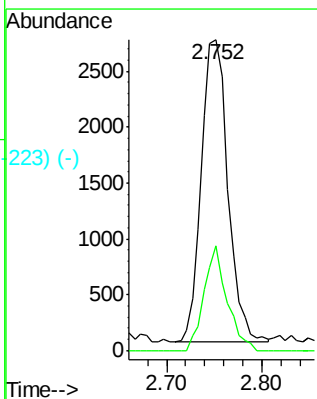
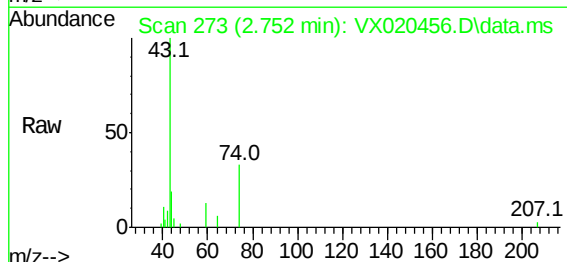
Instrument :
MSVOA_X
ClientSampleId :
31366

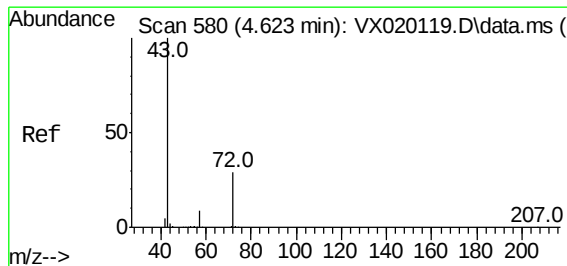
Tgt Ion: 43 Resp: 94037
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



Methyl Acetate
Concen: 1.57 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

Tgt Ion: 43 Resp: 5158
Ion Ratio Lower Upper
43 100
74 29.7 21.9 32.9

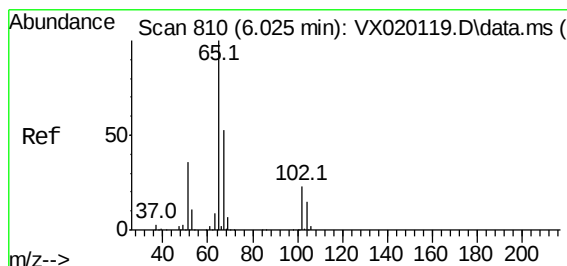
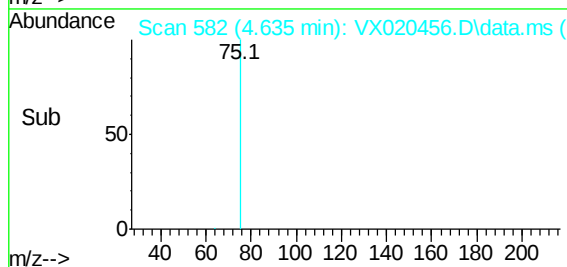
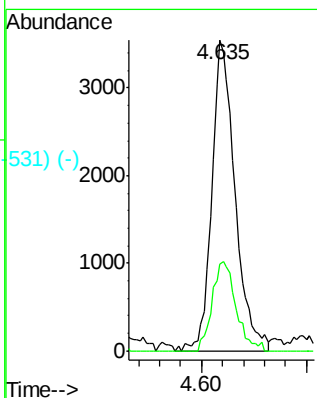
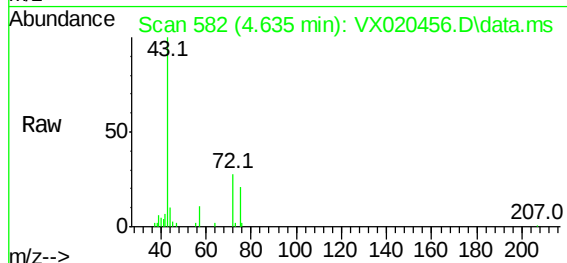




2-Butanone
Concen: 5.06 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

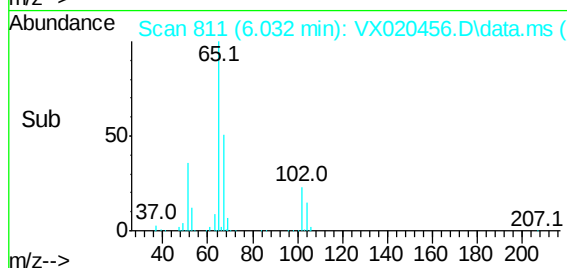
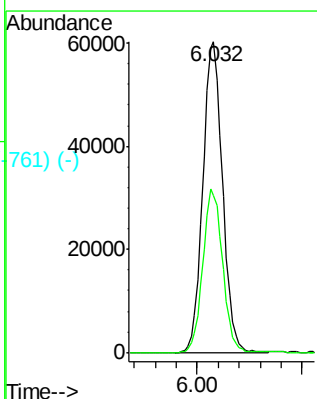
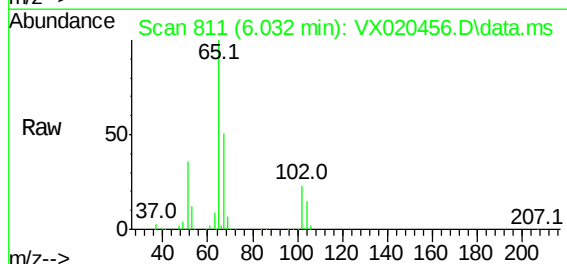
Instrument :
MSVOA_X
ClientSampleId :
31366

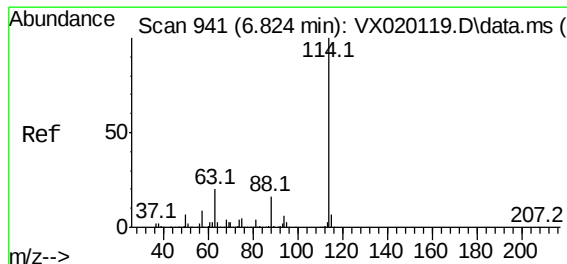
Tgt Ion: 43 Resp: 10844
Ion Ratio Lower Upper
43 100
72 27.8 23.7 35.5



1,2-Dichloroethane-d4
Concen: 48.43 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

Tgt Ion: 65 Resp: 156353
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

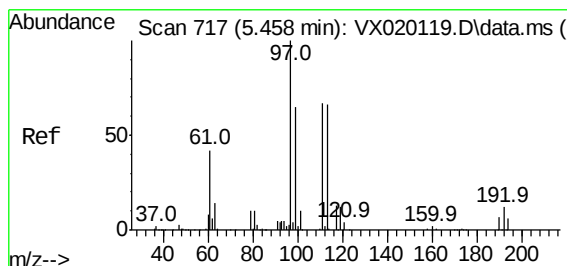
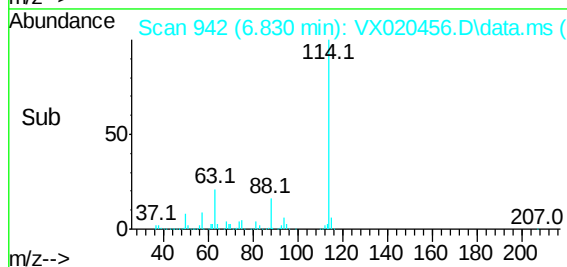
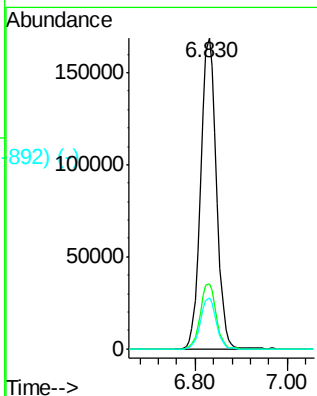
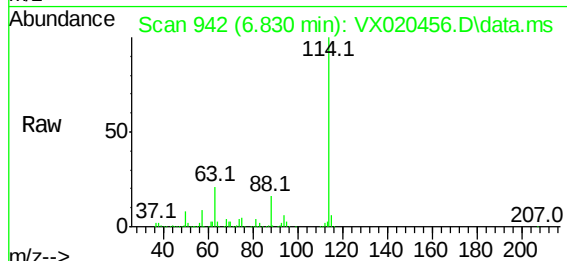




1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

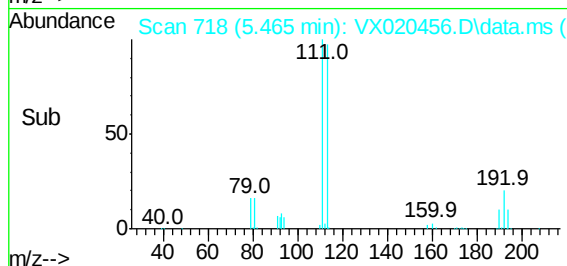
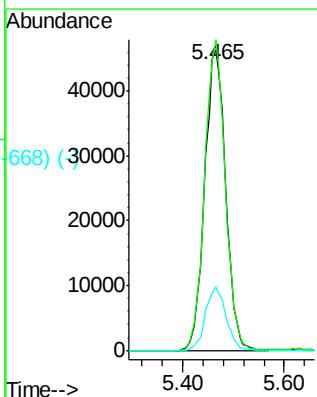
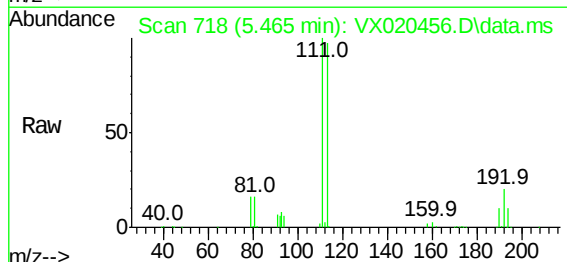
Instrument :
 MSVOA_X
 ClientSampleId :
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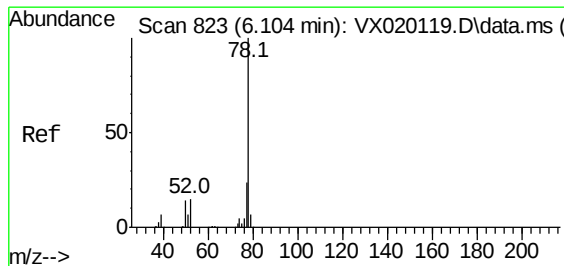
Tgt Ion:	114	Resp:	396288
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.3	0.0	32.8



Dibromofluoromethane
 Concen: 52.12 ug/l
 RT: 5.465 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

Tgt Ion:	113	Resp:	132135
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.9	122.9
192	20.6	16.7	25.1

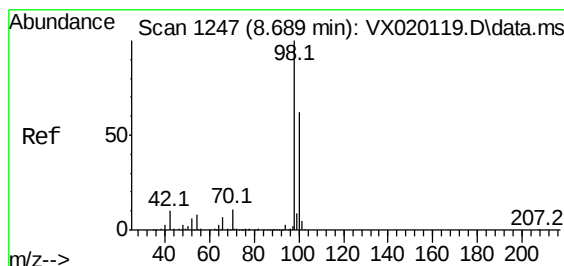
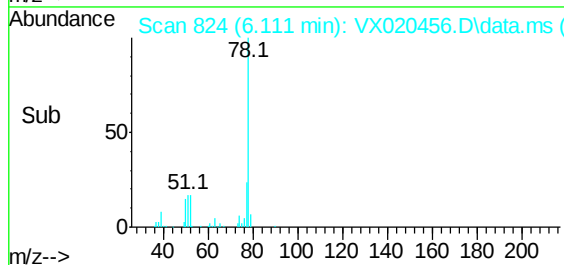
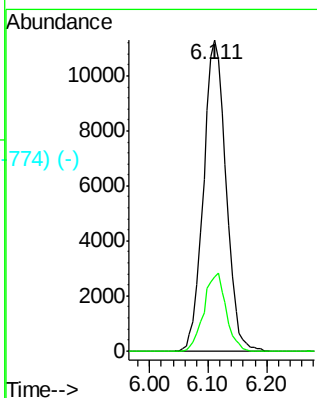
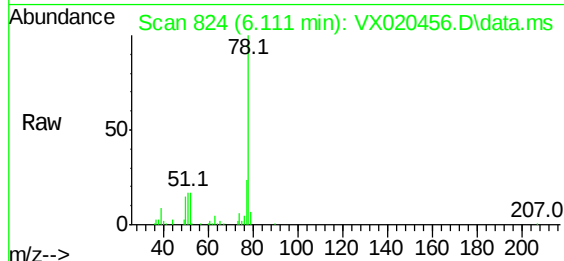




Benzene
Concen: 2.46 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

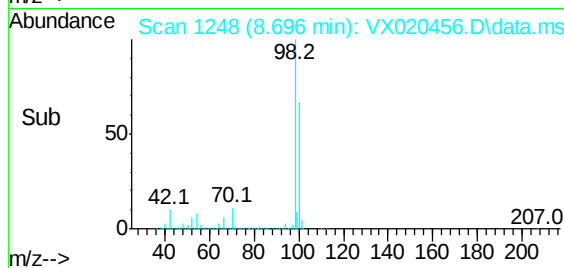
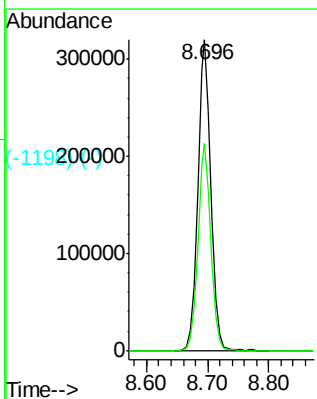
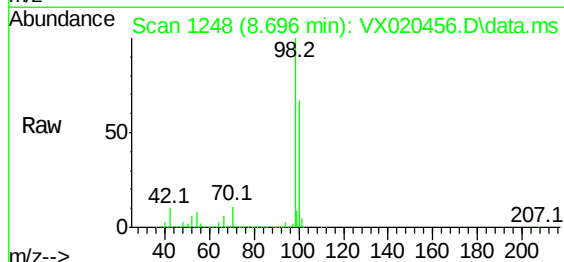
Instrument :
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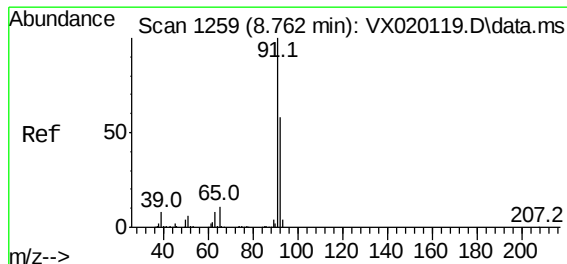
Tgt Ion: 78 Resp: 30006
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3



Toluene-d8
Concen: 49.58 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

Tgt Ion: 98 Resp: 483841
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

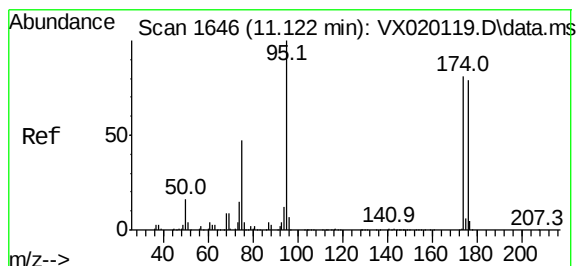
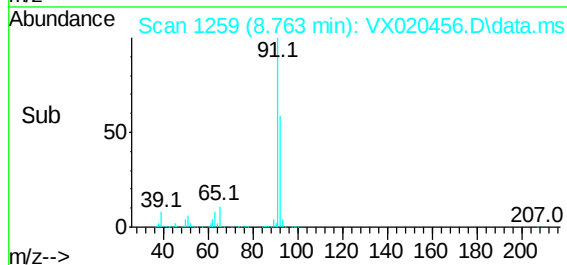
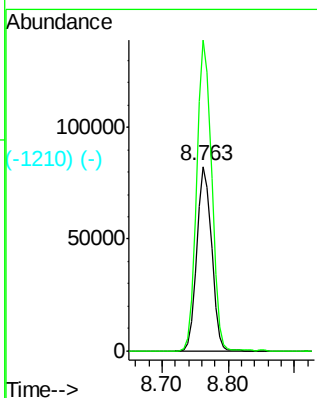
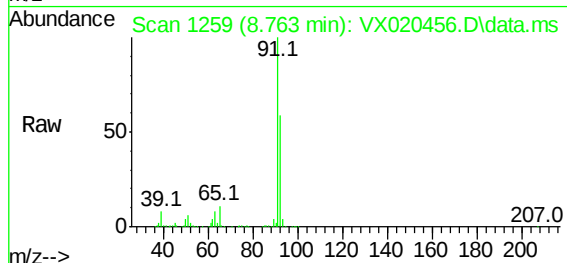




#521 (-)
Toluene
Concen: 17.02 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

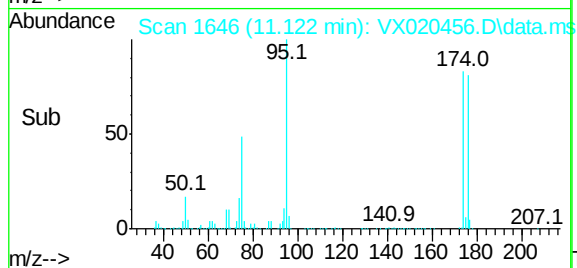
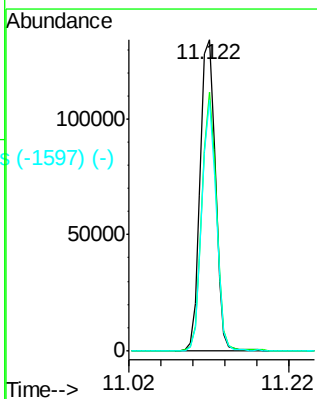
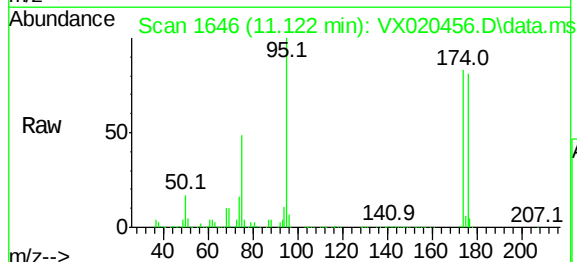
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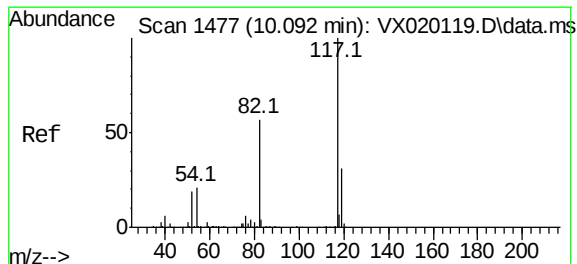
Tgt Ion: 92 Resp: 126658
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7



#639 (-)
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

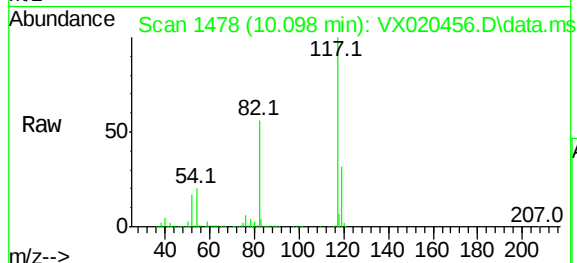
Tgt Ion: 95 Resp: 175603
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 75.9 0.0 155.8



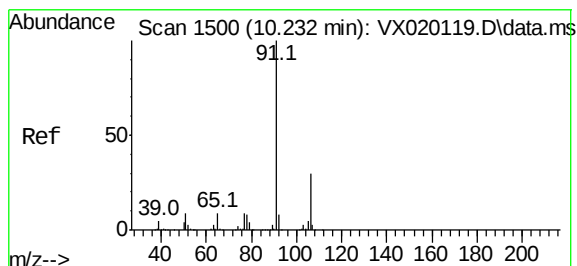
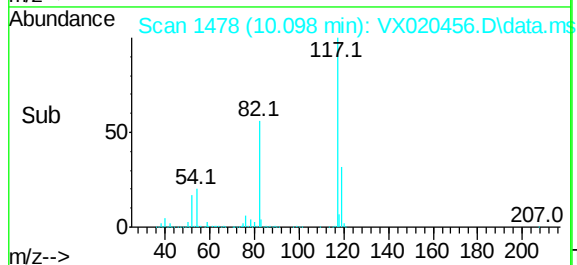
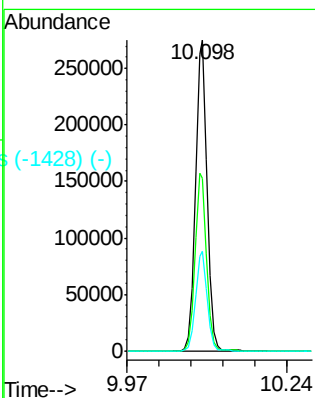


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
31366

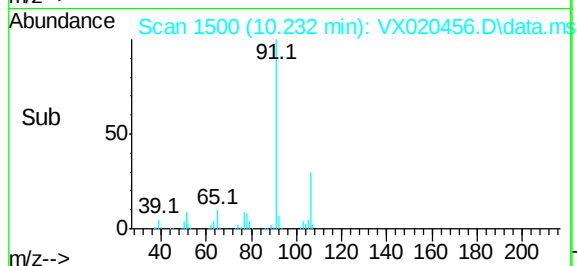
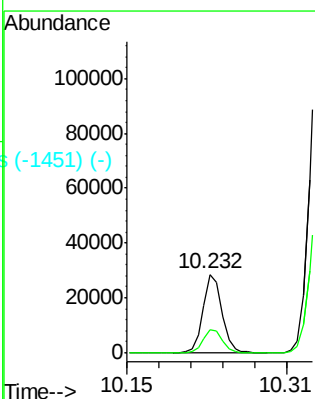
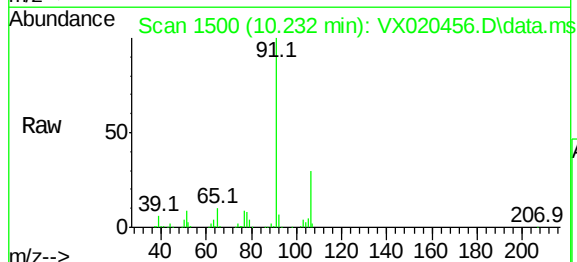


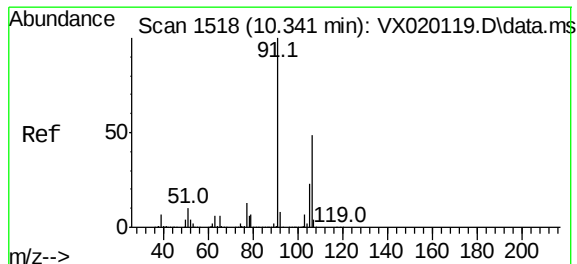
Tgt Ion:	117	Resp:	375700
Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.4	71.2
119	31.9	26.6	39.8



#6293 (-)
Ethyl Benzene
Concen: 2.55 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020456.D
Acq: 30 Dec 2020 15:22

Tgt Ion:	91	Resp:	36001
Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.6	37.0

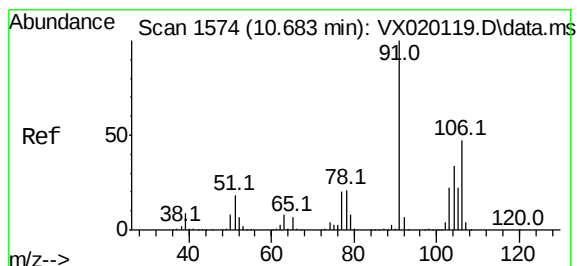
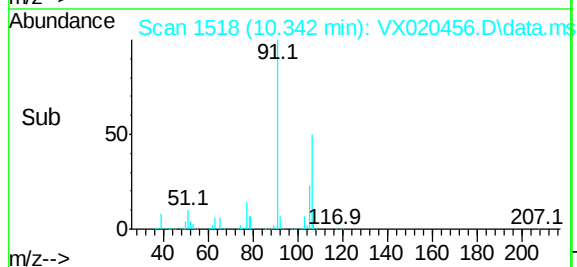
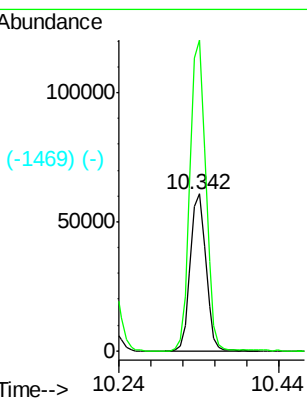
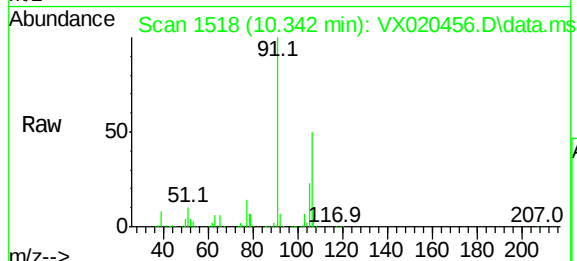




Scan 1518 (10.341 min): VX020119.D\data.ms
 #6911 (-)
 m/p-Xylenes
 Concen: 15.57 ug/l
 RT: 10.342 min Scan# 1518
 Delta R.T. 0.001 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

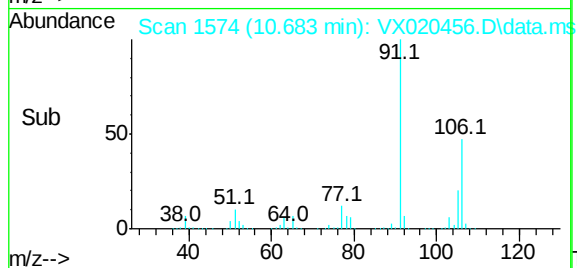
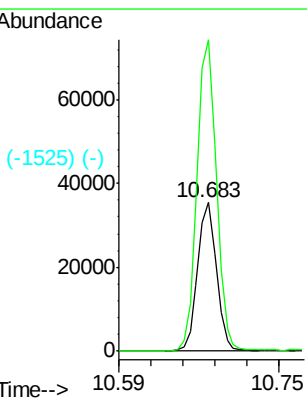
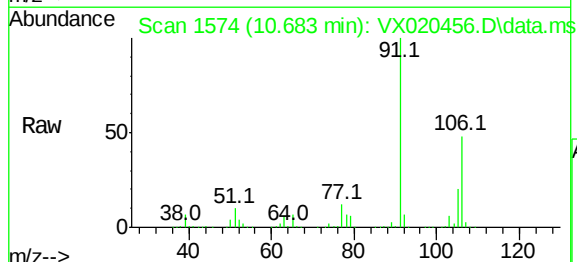
Instrument :
 MSVOA_X
 ClientSampleId :
 31366

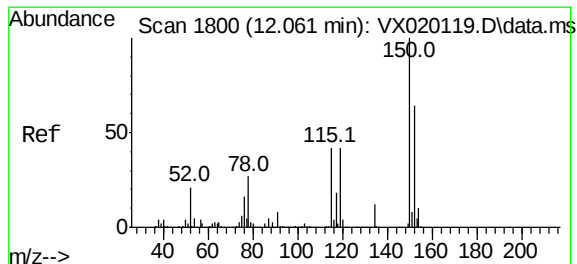
Tgt Ion:106 Resp: 81904
 Ion Ratio Lower Upper
 106 100
 91 201.7 162.8 244.2



Scan 1574 (10.683 min): VX020119.D\data.ms
 #6967 (-)
 o-Xylene
 Concen: 8.91 ug/l
 RT: 10.683 min Scan# 1574
 Delta R.T. 0.000 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

Tgt Ion:106 Resp: 45093
 Ion Ratio Lower Upper
 106 100
 91 216.7 108.1 324.2

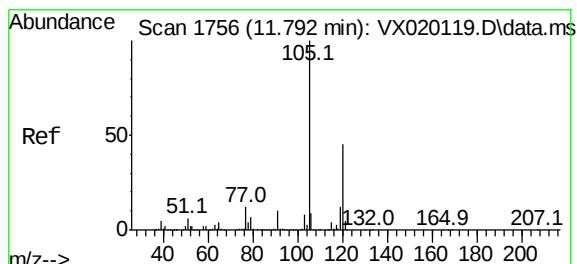
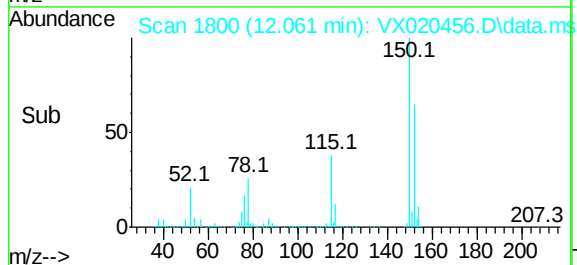
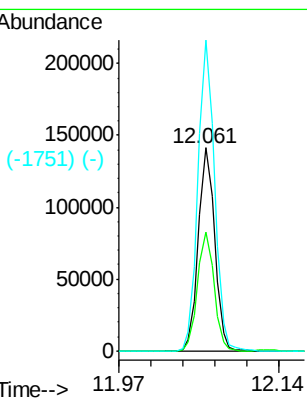
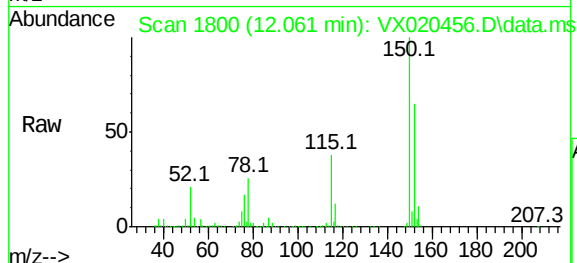




#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleID :
 31366

Tgt Ion:	152	Resp:	165637
Ion Ratio	Lower	Upper	
152	100		
115	59.1	41.1	123.3
150	155.0	0.0	349.0



#1745 (-)
 1,2,4-Trimethylbenzene
 Concen: 1.30 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020456.D
 Acq: 30 Dec 2020 15:22

Tgt Ion:	105	Resp:	13348
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.4	67.3

